

# Agenda Report

January 14, 2019

**TO:** Honorable Mayor and City Council

**FROM:** Department of Public Works

**SUBJECT: CONTRACT AWARD TO CALIFORNIA PROFESSIONAL ENGINEERING, INC. FOR CONCRETE TRAFFIC SIGNAL/STREET LIGHTING POLE REPLACEMENT – PHASE I FOR AN AMOUNT NOT TO EXCEED \$206,000**

## **RECOMMENDATION:**

It is recommended that the City Council:

1. Find the project proposed herein to be categorically exempt under the California Environmental Quality Act (CEQA) Guidelines in accordance with Title 14, Chapter 3, Article 19, Section 15301, Class 1, minor alterations of existing public facilities involving negligible or no expansion of use beyond that previously existing at the time of the lead agency's determination, and find that there are no features that distinguish this project from others in the exempt class, and therefore, there are no unusual circumstances; and
2. i) Accept the bid dated December 19, 2018, submitted by California Professional Engineering, Inc. in response to the project plans and specifications for Concrete Traffic Signal/Street Lighting Pole Replacement Project, ii) reject all other bids, and iii) authorize the City Manager to enter into a contract not to exceed \$206,000, which includes the base contract amount of \$188,087 and a contingency of \$17,913 to provide for any necessary change orders.

## **BACKGROUND:**

The Concrete Traffic Signal/Street Lighting Pole Replacement Project (CIP 74416) identified replacement of approximately 25 street light poles at ten high volume intersections. The overall project provides for the systematic replacement of existing precast concrete street light poles that are currently being utilized for traffic signal and street light purposes. The existing street light poles will be replaced with Caltrans standard traffic signal poles and mast arms.

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In the City, there are several traffic signal controlled intersections that have converted existing precast concrete street light poles to traffic signal poles by bolting on traffic signal mast arms and traffic vehicle heads. During the 2011 windstorm, several concrete poles with bolted mast arms sustained heavy damage and required replacement. Replacing the street light poles with Caltrans standard steel traffic signal poles will improve ability to withstand seismic and wind forces and therefore improve reliability of the traffic signal system and maintain public safety. All precast concrete poles at the intersection of Fair Oaks Avenue and Mountain Street are being upgraded with new Caltrans poles. Additionally, the existing precast concrete traffic signal pole at the southeast corner of Arroyo Parkway and Green Street is being upgraded with a new Caltrans pole with a longer traffic signal mast arm which improves visibility of traffic signal heads, thus improving driver safety.

The work includes furnishing and installing traffic signal standards, mast arms, traffic signal heads, countdown pedestrian heads, conduit, conductors and pull boxes. It also includes removing and relocating traffic signal equipment, video detection cameras, signage, and miscellaneous appurtenant work.

A finding of compliance with the General Plan was previously made and is shown on page 3.6 of the FY 2019-2023 CIP Street Lighting, Concrete Traffic Signal/Street Lighting Pole Replacement – Phase I.

The Department of Public Works prepared plans and specifications for this project. In accordance with Section 4.08.070 of the Pasadena Municipal Code, bids were requested and received. The project was advertised in the *Pasadena Weekly* on November 15, 2018. In addition, the Notice Inviting Bids was published in four trade publications and listed on the City's website, which generated notices to 619 local vendors. Bid packages were obtained by 43 contractors, six of whom submitted bids for the project.

Following advertising, bids were received on December 19, 2018, and are as follows:

Bidder	Amount (\$)
1. California Professional Engineering, Inc., La Puente	188,087
2. Elecnor Belco Electric, Inc., Chino	188,924
3. Select Electric, Inc., Vista	218,931
4. Calpromax Engineering, Inc., Placentia	256,160
5. Yakar, Covina	263,003
6. Alfaro Communications Construction, Inc., Compton	297,129
Engineer's Estimate	\$170,180

The lowest bid received is 10 percent higher than the Engineer's Estimate of \$170,180 which may be attributed to increased material costs experienced with steel products.

It is recommended that California Professional Engineering, Inc., be awarded the contract for this project as they are the lowest responsive and responsible bidder. The proposed contract with California Professional Engineering, Inc., fully complies with the Competitive Bidding and Living Wage Ordinances. In addition, the proposed contract fully complies with the Prevailing Wage Law (Senate Bill 7) per Resolution 9406 adopted by the City Council on December 14, 2014.

The contractor has indicated that the award of this contract will result in no new hires to the present workforce. A Local Hiring Provision to notify the labor unions of the goal to employ qualified Pasadena residents for 75 percent of new labor work hours on the project was included in the project specifications.

California Professional Engineering, Inc., has completed contracts totaling approximately \$1,600,000 on prior City projects since 2013 and is currently under contract with the City on three other transportation related projects totaling \$1,719,000. Staff has confirmed that the contractor's license and Department of Industrial Relations status are in good standing.

The contract for this project will be set as follows:

Bid	\$ 188,087
Contingency Allowance	\$ <u>17,913</u>
Contract "Not to Exceed" Amount	\$ 206,000

It is anticipated that construction will begin in March 2019 and be completed in August 2019. These proposed dates include the material lead time required for manufacturing and delivery of items.

#### **COUNCIL POLICY CONSIDERATION:**

This project is consistent with the City Council's goals to improve, maintain and enhance public facilities and infrastructure, and improve mobility and accessibility throughout the City.

#### **ENVIRONMENTAL ANALYSIS:**

The City's Environmental Administrator recommends that the City Council determine the proposed project to be exempt under CEQA Guidelines in accordance with Title 14, Chapter 3, Article 19, Section 15301, Class 1, minor alterations of existing public facilities involving negligible or no expansion of use beyond that previously existing at the time of the lead agency's determination. There are no features that distinguish this project from others in the exempt class, and therefore, there are no unusual circumstances.

**FISCAL IMPACT:**

The total cost of this contract is \$206,000 and the total cost of this action will be \$235,000. Funding for this action will be addressed by the utilization of existing funds from three projects in the FY 2019 – FY 2023 CIP budget. Primary funding resides in the *Concrete Traffic Signal/ Street Lighting Pole Replacement (74416)* project. Secondary funding in the *In-Fill Street Lighting and Repair and/or Replacement of Existing Street Lighting System FY 2016-2020 (74413)* project is from Federal Highway Administration Grant reimbursements dedicated to windstorm repairs. Supplemental funding from the *Old Pasadena Traffic Improvement – FY 2016 – 2020 (75080)* project is identified for the pole replacement at Arroyo Parkway and Green Street. It is anticipated that all of the construction cost will be expended by first quarter of FY 2020.

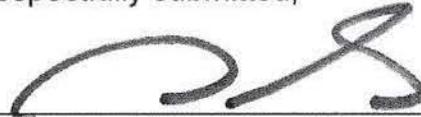
The following table represents a summary of the sources of funds that will be used.

Concrete Traffic Signal/ Street Lighting Pole Replacement (74416)	\$ 110,000
In-Fill Street Lighting and Repair and/or Replacement of Existing Street Lighting System FY 2016-2020 (74413)	\$ 73,000
Old Pasadena Traffic Improvement – FY 2016-2020 (75080)	\$ 52,000
<b>Total Sources</b>	<b>\$ 235,000</b>

The following table represents a contract summary of the project.

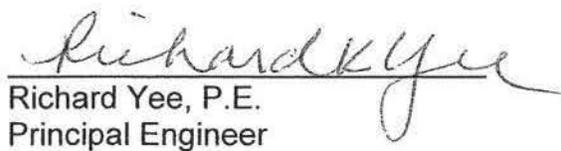
Base Bid	\$ 188,087
Contingency	\$ 17,913
Contract Administration/Inspection	\$ 29,000
<b>Total Fiscal Impact</b>	<b>\$ 235,000</b>

Respectfully submitted,



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Director of Public Works

Prepared by:



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Principal Engineer

Approved by:



STEVE MERMELL  
City Manager